

## BOOK REVIEWS

**GOUDEY, CHRISTOPHER J.** 1988. **A Handbook of Ferns for Australia and New Zealand.** Lothian Publishing Company. Order from: International Specialized Book Services, Inc., 5602 NE Hassalo Street, Portland, OR 97213-3640. \$19.95 paper. 212 pp.

This handbook of ferns is concerned with the horticultural aspect as opposed to an identification manual. There are 3 chapters in Part 1. How to Identify Ferns; 5 chapters in Part 2. Propagation of Ferns; 2 chapters in Part 3. Pests and Diseases; 2 chapters in Part 4. Ferns in Cultivation; 3 chapters in Part 5. Where to See Ferns; 6 chapters (concerning hardiness, indoor, hanging baskets, and terrariums) in Part 6. Plant Lists. At the end of the text is a glossary, list of fern societies, and index. There are diagrammatic illustrations in Part 1 but the taxa are mostly photographs, black and white with some colored plates. An excellent book for the fern horticulturist. wfm

**CODY, WM. J. AND DONALD M. BRITTON.** 1989. **Ferns and Fern Allies of Canada.** Canadian Government Publishing Centre, Supply and Services Canada, Ottawa, Canada K1A 0S9. \$38.50 CAN; \$46.20 US (Check to Receiver General for Canada).

This manual includes keys, synonymy, descriptions, cytology, habitat, range, remarks, and diagrammatic illustrations. The distribution maps are clustered prior to the glossary, references, and index.

"It is hoped that the book will prove to be a useful tool, not only to individuals taking a first look at these interesting plants but also to the dedicated amateur and the professional botanist." And I believe it will be very useful to all three groups. wfm

**BROWN, ANTHONY H.D., MICHAEL T. CLEGG, ALEX L. KAHLER, BRUCE S. WEIR.** Editors. 1989. **Plant Population Genetics, Breeding, and Genetic Resources.** Sinauer Associates, Inc., Sunderland, MA 01375-0407. \$36.00 paper; \$60.00 cloth. 449 pp.

This book is based upon the International Symposium on Population Genetics and Germplasm Resources in Crop Improvement, held August 11-13, 1988 at the University of California, Davis. The articles or chapters are grouped under 3 sections: Section 1: Genetic Diversity: Kinds and Amounts (7 chapters); Section 2: Evolutionary Processes (7 chapters); Section 3: Applications in Plant Breeding and Genetic Resources (6 chapters).

The symposium also was to honor Professor Robert W. Allard, who founded experimental plant population genetics as a scientific discipline. Allard wrote the first chapter: Future Directions in Plant Population Genetics, Evolution, and Breeding. An excellent resource text with a compilation of the literature citations of the individual chapters at the end near the Index. wfm